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TI Selective silencing of viral gene E6 and E7 expression in HPV-positive human cervical carcinoma cells using small interfering RNAs.

L2 ANSWER 9 OF 13 MEDLINE on STN  
TI RNA interference and double-stranded-RNA-activated pathways.

L2 ANSWER 10 OF 13 MEDLINE on STN  
TI RNA interference: a potent tool for gene-specific therapeutics.

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TI Targeting Alzheimer's disease genes with RNA interference: an efficient strategy for silencing mutant alleles.

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L2 ANSWER 13 OF 13 MEDLINE on STN  
TI Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference.

=> d 8 13

L2 ANSWER 8 OF 13 MEDLINE on STN  
AN 2004536828 MEDLINE  
DN PubMed ID: 15507723  
TI Selective silencing of viral gene E6 and E7 expression in HPV-positive human cervical carcinoma cells using small interfering RNAs.  
AU Jiang Ming; Milner Jo  
CS Department of Biology, Yorkshire Cancer Research P53 Laboratory, University of York, York, UK.  
SO Methods in molecular biology (Clifton, N.J.), (2005) Vol. 292, pp. 401-20. Journal code: 9214969. ISSN: 1064-3745.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200503  
ED Entered STN: 28 Oct 2004  
Last Updated on STN: 2 Mar 2005  
Entered Medline: 1 Mar 2005

L2 ANSWER 13 OF 13 MEDLINE on STN  
AN 2002444802 MEDLINE  
DN PubMed ID: 12203116  
TI Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference.  
AU Jiang Ming; Milner Jo  
CS YCR P53 Research Group, Department of Biology, University of York, York YO10 5DD, UK.  
SO Oncogene, (2002 Sep 5) Vol. 21, No. 39, pp. 6041-8. Journal code: 8711562. ISSN: 0950-9232.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)  
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ED    Entered STN: 31 Aug 2002  
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NEWS 8 MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese patents  
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FILE 'MEDLINE' ENTERED AT 09:34:05 ON 27 AUG 2007

FILE LAST UPDATED: 25 Aug 2007 (20070825/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s selective silencing
      239875 SELECTIVE
      14271 SILENCING
L1      44 SELECTIVE SILENCING
          (SELECTIVE(W)SILENCING)
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=> s 11 and sirna  
5446 SIRNA  
I.2 13 I.1 AND SIRNA

$\Rightarrow d \neq i$

L2 ANSWER 1 OF 13 MEDLINE on STN  
TI Superoxide flux in endothelial cells via the chloride channel-3 mediates intracellular signaling.

=> d ti 1-13

L2 ANSWER 1 OF 13 MEDLINE on STN  
TI Superoxide flux in endothelial cells via the chloride channel-3 mediates intracellular signaling.

L2 ANSWER 2 OF 13 MEDLINE on STN  
TI RNA interference in pain research.

L2 ANSWER 3 OF 13 MEDLINE on STN  
TI DSTHO: database of siRNAs targeted at human oncogenes: a statistical analysis.

L2 ANSWER 4 OF 13 MEDLINE on STN  
TI Inhibition of rho GTPases by RNA interference.

L2 ANSWER 5 OF 13 MEDLINE on STN  
TI Transporting silence: design of carriers for siRNA to angiogenic endothelium.

L2 ANSWER 6 OF 13 MEDLINE on STN  
TI Selective silencing of a mutant transthyretin allele  
by small interfering RNAs.

L2 ANSWER 7 OF 13 MEDLINE on STN  
TI A bi-functional siRNA construct induces RNA interference and also primes PCR amplification for its own quantification.

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=> s hpv and sirna  
13303 HPV  
5446 SIRNA  
L3        33 HPV AND SIRNA

=> d 1-33 ti

L3    ANSWER 1 OF 33        MEDLINE on STN  
TI    Silencing of HPV 18 oncoproteins With RNA interference causes growth inhibition of cervical cancer cells.

L3    ANSWER 2 OF 33        MEDLINE on STN  
TI    Up-regulation of Rac1 by epidermal growth factor mediates COX-2 expression in recurrent respiratory papillomas.

L3    ANSWER 3 OF 33        MEDLINE on STN  
TI    Suppression of cervical carcinoma cell growth by intracytoplasmic codelivery of anti-oncoprotein E6 antibody and small interfering RNA.

L3    ANSWER 4 OF 33        MEDLINE on STN  
TI    Bid is cleaved upstream of caspase-8 activation during TRAIL-mediated apoptosis in human osteosarcoma cells.

L3    ANSWER 5 OF 33        MEDLINE on STN  
TI    Overexpression of human papillomavirus type 16 oncoproteins enhances hypoxia-inducible factor 1 alpha protein accumulation and vascular endothelial growth factor expression in human cervical carcinoma cells.

L3    ANSWER 6 OF 33        MEDLINE on STN  
TI    The development and future of oligonucleotide-based therapies for cervical cancer.

L3    ANSWER 7 OF 33        MEDLINE on STN  
TI    Activation of extracellular signal-regulated kinase by TGF-beta1 via TbetaRII and Smad7 dependent mechanisms in human bronchial epithelial BEP2D cells.

L3    ANSWER 8 OF 33        MEDLINE on STN  
TI    RNA polymerase II transcription is required for human papillomavirus type 16 E7- and hydroxyurea-induced centriole overduplication.

L3    ANSWER 9 OF 33        MEDLINE on STN  
TI    Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

L3    ANSWER 10 OF 33        MEDLINE on STN  
TI    Intratumor injection of small interfering RNA-targeting human papillomavirus 18 E6 and E7 successfully inhibits the growth of cervical cancer.

L3    ANSWER 11 OF 33        MEDLINE on STN  
TI    Role for Wee1 in inhibition of G2-to-M transition through the cooperation of distinct human papillomavirus type 1 E4 proteins.

L3    ANSWER 12 OF 33        MEDLINE on STN  
TI    Inhibition of HPV 16 E6 oncogene expression by RNA interference in vitro and in vivo.

L3    ANSWER 13 OF 33        MEDLINE on STN

TI The E7 oncoprotein is translated from spliced E6\*I transcripts in high-risk human papillomavirus type 16- or type 18-positive cervical cancer cell lines via translation reinitiation.

L3 ANSWER 14 OF 33 MEDLINE on STN  
TI Papillomaviruses as targets for cancer gene therapy.

L3 ANSWER 15 OF 33 MEDLINE on STN  
TI Proteasome inhibitor MG132 sensitizes HPV-positive human cervical cancer cells to rhTRAIL-induced apoptosis.

L3 ANSWER 16 OF 33 MEDLINE on STN  
TI Induction of cell death in human papillomavirus 18-positive cervical cancer cells by E6 siRNA.

L3 ANSWER 17 OF 33 MEDLINE on STN  
TI Chemotherapy compounds in cervical cancer cells primed by reconstitution of p53 function after short interfering RNA-mediated degradation of human papillomavirus 18 E6 mRNA: opposite effect of siRNA in combination with different drugs.

L3 ANSWER 18 OF 33 MEDLINE on STN  
TI Proteomic analysis of anti-cancer effects by paclitaxel treatment in cervical cancer cells.

L3 ANSWER 19 OF 33 MEDLINE on STN  
TI HPV31 E7 facilitates replication by activating E2F2 transcription through its interaction with HDACs.

L3 ANSWER 20 OF 33 MEDLINE on STN  
TI The human papillomavirus E6 and E7 inducible oncogene, hWAPL, exhibits potential as a therapeutic target.

L3 ANSWER 21 OF 33 MEDLINE on STN  
TI The global transcriptional effects of the human papillomavirus E6 protein in cervical carcinoma cell lines are mediated by the E6AP ubiquitin ligase.

L3 ANSWER 22 OF 33 MEDLINE on STN  
TI Gel-based application of siRNA to human epithelial cancer cells induces RNAi-dependent apoptosis.

L3 ANSWER 23 OF 33 MEDLINE on STN  
TI RNA interference: the molecular immune system.

L3 ANSWER 24 OF 33 MEDLINE on STN  
TI Cyclin-dependent kinase inhibitor indirubin-3'-oxime selectively inhibits human papillomavirus type 16 E7-induced numerical centrosome anomalies.

L3 ANSWER 25 OF 33 MEDLINE on STN  
TI Inhibitory effect of RNA interference on expression of HPV16 E6 oncogene in cervical cancer cell line CaSki.

L3 ANSWER 26 OF 33 MEDLINE on STN  
TI Selective silencing of viral gene E6 and E7 expression in HPV-positive human cervical carcinoma cells using small interfering RNAs.

L3 ANSWER 27 OF 33 MEDLINE on STN  
TI Advances in the development of therapeutic nucleic acids against cervical cancer.

L3 ANSWER 28 OF 33 MEDLINE on STN  
TI HDAC inhibitors trigger apoptosis in HPV-positive cells by inducing the E2F-p73 pathway.

L3 ANSWER 29 OF 33 MEDLINE on STN  
TI In vitro and in vivo growth suppression of human papillomavirus 16-positive cervical cancer cells by E6 siRNA.

L3 ANSWER 30 OF 33 MEDLINE on STN  
TI siRNA targeting of the viral E6 oncogene efficiently kills human papillomavirus-positive cancer cells.

L3 ANSWER 31 OF 33 MEDLINE on STN  
TI Human papillomavirus type 16 E6 activates TERT gene transcription through induction of c-Myc and release of USF-mediated repression.

L3 ANSWER 32 OF 33 MEDLINE on STN  
TI Cdk4 disruption renders primary mouse cells resistant to oncogenic transformation, leading to Arf/p53-independent senescence.

L3 ANSWER 33 OF 33 MEDLINE on STN  
TI Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference.

=> d 32

L3 ANSWER 32 OF 33 MEDLINE on STN  
AN 2002675231 MEDLINE  
DN PubMed ID: 12435633  
TI Cdk4 disruption renders primary mouse cells resistant to oncogenic transformation, leading to Arf/p53-independent senescence.  
AU Zou Xianghong; Ray Dipankar; Aziyu Aileen; Christov Konstantin; Boiko Alexander D; Gudkov Andrei V; Kiyokawa Hiroaki  
CS Department of Molecular Genetics, University of Illinois College of Medicine, Chicago, Illinois 60607, USA.  
SO Genes & development, (2002 Nov 15) Vol. 16, No. 22, pp. 2923-34.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200212  
ED Entered STN: 19 Nov 2002  
Last Updated on STN: 18 Dec 2002  
Entered Medline: 13 Dec 2002

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1. 20070197459. 11 Feb 05. 23 Aug 07. Induction of apoptosis by inhibition of sirtuin sirta expression. Milner; Anne Josephine. 514/44; 435/455 536/23.1 A61K48/00 20060101 C07H21/02 20060101 C12N15/09 20060101

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2. 20060223768. 17 Mar 04. 05 Oct 06. Regulation of gene expression. Milner; Jo. 514/44; 435/455 536/23.1 A61K48/00 20060101 C07H21/02 20060101 C12N15/85 20060101

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3. 20040235171. 22 Jun 04. 25 Nov 04. Silencing of gene expression by sirna. Milner, Ann Josephine. 435/456; 536/23.1 C07H021/02 C12N015/86.

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